

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Original) A method of using a computer system to generate reports, comprising:  
populating a database with collected commerce information, said collected commerce information including conditional purchase offers submitted by buyers, said conditional purchase offers including,  
buyer-specified offer prices for goods or services, for use as a basis for determining levels of demand for the goods or services;  
receiving a request specifying criteria for selecting collected commerce information, said criteria generated from a user's selections made within a user interface;  
selecting demand information from collected commerce information based on the user's selections; and  
generating a report of the demand information for the goods or services based on the user's selections, wherein the demand information includes current demand levels for the goods or services.
2. (Original) The method of claim 1, wherein said criteria for selecting collected commerce information includes targeted demand levels for the goods or services.
3. (Original) The method of claim 2, further comprising,  
calculating suggested strike prices at targeted demand levels based on the requested targeted demand levels,  
wherein the strike price is a minimum price at which a conditional purchase offer will be accepted; and  
transmitting the suggested strike prices in response to the request specifying targeted demand levels for the goods or services.
4. (Original) The method of claim 1, wherein the computer system is accessible at a traversed navigation location and provides facilities tailored for a commerce system.
5. (Original) The method of claim 4, wherein the computer system is tailored for air travel commerce.

6. (Original) The method of claim 4, wherein the computer system is tailored for hotel commerce.
7. (Original) The method of claim 1, wherein the database is from an associated commerce system.
8. (Original) The method of claim 7, wherein the database association is based on login information.
9. (Original) The method of claim 7, wherein the database association is preset based on a tailored commerce system.
10. (Original) The method of claim 7, wherein the database association is limited to databases specific to a provider.
11. (Original) The method of claim 7, wherein the associations are based on selection results made in a database selection facility.
12. (Original) The method of claim 1, wherein selecting demand information is limited to a specified vendor.
13. (Original) The method of claim 1, wherein selecting demand information is limited to cached rejected CPOs.
14. (Original) The method of claim 1, wherein selecting demand information is limited to unaccepted unexpired CPOs.
15. (Original) The method of claim 1, wherein selecting demand information is limited to pending CPOs.
16. (Original) The method of claim 1, wherein selecting demand information includes accepted CPOs.
17. (Original) The method of claim 1, wherein selecting demand information includes historic demand information.
18. (Currently amended) A computer program stored on a computer-readable medium readable by a processor to access data, the program, comprising:  
instruction signals in the processor readable medium, wherein the instruction signals are issuable by the processor to:

~~a module~~ to populate a database with collected commerce information, said collected commerce information including conditional purchase offers submitted by buyers, said conditional purchase offers including,

buyer-specified offer prices for goods or services, for use as a basis for to determine levels of demand for the goods or services;

~~a module~~ to receive a request specifying criteria for selecting collected commerce information, said criteria generated from a user's selections made within a user interface;

~~a module~~ to select demand information from collected commerce information based on the user's selections; and

~~a module~~ to generate a report of the demand information for the goods or services based on the user's selections, wherein the demand information includes current demand levels for the goods or services.

19. (Original) The medium of claim 18, wherein said criteria for selecting collected commerce information includes targeted demand levels for the goods or services.

20. (Currently amended) The medium of claim 19, further comprising,

~~calculating~~ calculate suggested strike prices at targeted demand levels based on the requested targeted demand levels,

wherein the strike price is a minimum price at which a conditional purchase offer will be accepted; and

~~transmitting~~ transmit the suggested strike prices in response to the request specifying targeted demand levels for the goods or services.

21. (Original) The medium of claim 18, wherein the computer system is accessible at a traversed navigation location and provides facilities tailored for a commerce system.

22. (Original) The medium of claim 21, wherein the computer system is tailored for air travel commerce.

23. (Original) The medium of claim 21, wherein the computer system is tailored for hotel commerce.

24. (Original) The medium of claim 18, wherein the database is from an associated commerce system.

25. (Original) The medium of claim 24, wherein the database association is based on login information.

26. (Original) The medium of claim 24, wherein the database association is preset based on a tailored commerce system.
27. (Original) The medium of claim 24, wherein the database association is limited to databases specific to a provider.
28. (Original) The medium of claim 24, wherein the associations are based on selection results made in a database selection facility.
29. (Original) The medium of claim 18, wherein selecting demand information is limited to a specified vendor.
30. (Original) The medium of claim 18, wherein selecting demand information is limited to cached rejected CPOs.
31. (Original) The medium of claim 18, wherein selecting demand information is limited to unaccepted unexpired CPOs.
32. (Original) The medium of claim 18, wherein selecting demand information is limited to pending CPOs.
33. (Original) The medium of claim 18, wherein selecting demand information includes accepted CPOs.
34. (Original) The medium of claim 18, wherein selecting demand information includes historic demand information.
35. (Original) An apparatus, comprising:  
a processor;  
a memory, disposed in communication with said processor; and  
a program, stored in the memory, including,  
a module to populate a database with collected commerce information, said collected commerce information including conditional purchase offers submitted by buyers, said conditional purchase offers including,  
buyer-specified offer prices for goods or services, which may be used as a basis for to determine levels of demand for the goods or services;  
a module to receive a request specifying criteria for selecting collected commerce information, said criteria generated from a user's selections made within a user interface;  
a module to select demand information from collected commerce information based on the user's selections; and

a module to generate a report of the demand information for the goods or services based on the user's selections, wherein the demand information includes current demand levels for the goods or services.

36. (Original) The apparatus of claim 35, wherein said criteria for selecting collected commerce information includes targeted demand levels for the goods or services.

37. (Original) The apparatus of claim 36, further comprising,  
calculating suggested strike prices at targeted demand levels based on the requested targeted demand levels,

wherein the strike price is a minimum price at which a conditional purchase offer will be accepted; and

transmitting the suggested strike prices in response to the request specifying targeted demand levels for the goods or services.

38. (Original) The apparatus of claim 35, wherein the computer system is accessible at a traversed navigation location and provides facilities tailored for a commerce system.

39. (Original) The apparatus of claim 38, wherein the computer system is tailored for air travel commerce.

40. (Original) The apparatus of claim 38, wherein the computer system is tailored for hotel commerce.

41. (Original) The apparatus of claim 35, wherein the database is from an associated commerce system.

42. (Original) The apparatus of claim 41, wherein the database association is based on login information.

43. (Original) The apparatus of claim 41, wherein the database association is preset based on a tailored commerce system.

44. (Original) The apparatus of claim 41, wherein the database association is limited to databases specific to a provider.

45. (Original) The apparatus of claim 41, wherein the associations are based on selection results made in a database selection facility.

46. (Original) The apparatus of claim 35, wherein selecting demand information is limited to a specified vendor.

47. (Original) The apparatus of claim 35, wherein selecting demand information is limited to cached rejected CPOs.
48. (Original) The apparatus of claim 35, wherein selecting demand information is limited to unaccepted unexpired CPOs.
49. (Original) The apparatus of claim 35, wherein selecting demand information is limited to pending CPOs.
50. (Original) The apparatus of claim 35, wherein selecting demand information includes accepted CPOs.
51. (Original) The apparatus of claim 35, wherein selecting demand information includes historic demand information.
52. (Withdrawn) A system for using a computer to generate reports, comprising:
- means to traverse a navigation location for a commerce demand system;
  - means to obtain login information;
  - means to identify at least one database associated with the commerce demand system;
  - means to provide a demand survey facility;
  - means to obtain a demand survey request in the demand survey facility;
  - means to query the associated databases based on the demand survey request;
  - means to rank query results;
  - means to format the ranked query results;
  - means to provide the formatted query results.
53. (Withdrawn) The system of claim 52, wherein the commerce demand system at the traversed navigation location provides facilities tailored for the commerce system.
54. (Withdrawn) The system of claim 52, further comprising,
- means to provide a desired demand requirement facility;
  - means to obtain a desired demand requirement request in the desired demand requirement facility, wherein the desired demand requirement facility suggests a strike price and

projected demand levels based on obtained demand requirement information;

means to update the strike price to induce actual provision demand to match desired provision demand.

55. (Withdrawn) The system of claim 52, wherein the tailored commerce demand system is an air travel commerce demand system.
56. (Withdrawn) The system of claim 52, wherein the tailored commerce demand system is a hotel commerce demand system.
57. (Withdrawn) The system of claim 52, wherein the associated database is from an associated commerce system.
58. (Withdrawn) The system of claim 52, wherein the database association is based on login information.
59. (Withdrawn) The system of claim 52, wherein the database association is preset based on a tailored commerce system.
60. (Withdrawn) The system of claim 52, wherein the database association is limited to databases specific to a provider.
61. (Withdrawn) The system of claim 52, wherein the associations are based on selection results made in a database selection facility.
62. (Withdrawn) The system of claim 52, wherein a database schema is read from the associated database.
63. (Withdrawn) The system of claim 52, wherein associated tables from the schemas are identified.
64. (Withdrawn) The system of claim 52, wherein the demand survey facility obtains demand facility presentation information from the associated database.

65. (Withdrawn) The system of claim 63, wherein the obtained demand facility presentation information for the demand survey facility from the associated database is a list of airplane types.
66. (Withdrawn) The system of claim 63, wherein the obtained demand facility presentation information for the demand survey facility from the associated database is a list of hotel room types.
67. (Withdrawn) The system of claim 53, wherein the desired demand requirement facility is webform.
68. (Withdrawn) The system of claim 53, wherein the desired demand requirement request includes the strike price.
69. (Withdrawn) The system of claim 53, wherein the desired demand requirement request includes targeted demand levels for goods or services.
70. (Withdrawn) The system of claim 52, wherein querying the associated databases based on a demand survey request is limited to a specified vendor.
71. (Withdrawn) The system of claim 52, wherein querying the associated databases based on a demand survey request is limited to cached rejected CPOs.
72. (Withdrawn) The system of claim 52, wherein querying the associated databases based on a demand survey request is limited unaccepted unexpired CPOs.
73. (Withdrawn) The system of claim 52, wherein querying the associated databases based on a demand survey request is limited to pending CPOs.
74. (Withdrawn) The system of claim 52, wherein querying the associated databases based on demand survey request includes accepted CPOs.
75. (Withdrawn) The system of claim 52, wherein querying the associated databases based on demand survey request includes historic demand information



76. (Original) A system for using a computer to generate reports, comprising:  
means to traverse a navigation location for a commerce demand system;  
means to obtain login information;  
means to provide a desired demand requirement facility;  
means to obtain desired demand requirement request in the desired demand requirement facility;  
means to identify at least one associated database;  
means to query the associated databases based on the demand survey request;  
means to obtain current demand results;  
means to compare current demand results to desired demand requirement request;  
means to lower strike prices if the current demand results is less than the desired demand requirement request;  
means to maintain strike prices unmodified if the current demand results is the same as the desired demand requirement request;  
means to raise strike prices if the current demand results is greater than the desired demand requirement request.
77. (Original) A system for using a computer to generate reports, comprising:  
means to traverse a navigation location for a commerce demand system;  
means to obtain login information;  
means to provide a desired demand requirement facility;  
means to obtain desired demand requirement request;  
means to update the strike price.
78. (Original) A system for using a computer to generate reports, comprising:  
means to obtain current demand results;  
means to query an associated databases based on the demand survey request;  
means to compare current demand results to the desired demand requirement request;  
means to lower strike prices if the current demand results is less than the desired demand requirement request;  
means to raise strike prices if the current demand results is greater than the desired demand requirement.
79. (Currently amended) A processor-implemented method to generate a data structure in

memory, comprising A memory for access by a program module to be executed on a processor, comprising:

generating instruction signals, wherein the signal states embody a data structure having interrelated data types for stored in the memory, the data structure comprising:

- a provision type;
- a strike price for the provision type;
- a desired level of demand type for the provision type.

80. (Currently amended) The ~~data structure~~ method of claim 79, further comprising a provider type.

81. (Currently amended) The method ~~data structure~~ of claim 79, further comprising an associated consumer demand system type.

82. (Currently amended) The method ~~data structure~~ of claim 79, further comprising a quantity limit type for available provisions.

83. (Currently amended) The method ~~data structure~~ of claim 79, further comprising an expiration date for the provision type.

84. (Currently amended) The method ~~data structure~~ of claim 79, further comprising an expiration date for the strike price.

85. (Currently amended) The ~~data structure~~ method of claim 79, further comprising an expiration date for the desired level of demand.

86. (Original) The data structure of claim 79, wherein the provision type includes all provisions.

87. (Original) The data structure of claim 79, wherein the provision type includes groups of provisions.

88. (Original) A memory for access by a program module to be executed on a processor, comprising:

a data structure stored in the memory, the data structure comprising:

- a conditional purchase offer type;
- an expiration date for the conditional purchase offer.

89. (Original) A method of using a computer system to generate reports, comprising: populating a database with collected information;

receiving a request specifying criteria for selecting desired portions of collected information, said criteria generated from a user's selections made within a user interface;  
selecting desired portions of collected information based on the user's specified criteria;  
and

generating a report of results of desired portions of collected information from the information selected based on the user's specified criteria.

90. (Original) The method of claim 89, wherein the collected information is related to commerce.

91. (Original) The method of claim 89, wherein the collected information is related to demand.

92. (Original) The method of claim 89, wherein said criteria for selecting collected commerce information includes targeted demand levels for the goods or services.

93. (Original) The method of claim 93, further comprising,  
calculating suggested strike prices at targeted demand levels based on the requested targeted demand levels,

wherein the strike price is a minimum price at which a conditional purchase offer will be accepted; and

transmitting the suggested strike prices in response to the request specifying targeted demand levels for the goods or services.

94. (Original) The method of claim 89, wherein the computer system is accessible at a traversed navigation location and provides facilities tailored for a commerce system.

95. (Original) The method of claim 94, wherein the computer system is tailored for air travel commerce.

96. (Original) The method of claim 94, wherein the computer system is tailored for hotel commerce.

97. (Original) The method of claim 89, wherein the database is from an associated commerce system.

98. (Original) The method of claim 97, wherein the database association is based on login information.

99. (Original) The method of claim 97, wherein the database association is preset based on a tailored commerce system.

100. (Original) The method of claim 97, wherein the database association is limited to databases specific to a provider.
101. (Original) The method of claim 97, wherein the associations are based on selection results made in a database selection facility.
102. (Original) The method of claim 89, wherein selecting demand information is limited to a specified vendor.
103. (Original) The method of claim 89, wherein selecting demand information is limited to cached rejected CPOs.
104. (Original) The method of claim 89, wherein selecting demand information is limited to unaccepted unexpired CPOs.
105. (Original) The method of claim 89, wherein selecting demand information is limited to pending CPOs.
106. (Original) The method of claim 89, wherein selecting demand information includes accepted CPOs.
107. (Original) The method of claim 89, wherein selecting demand information includes historic demand information.

**REMARKS**

Applicant respectfully requests reconsideration of this application in view of the foregoing amendments and following remarks.

Claims 1-51, 76-107 are pending in this application. Claims 18, 20, 79-85 have been amended to: capture more currently desirable aspects of inventions to which Applicant is entitled, provide clear antecedent basis for specified claim elements, and/or to correct typographical errors. Applicant submits no new matter has been added by this Amendment.

**Rejection Under 35 USC § 112**

The office action rejects claims 76-88 under 35 U.S.C. § 112, second paragraph as failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. More specifically the Examiner asserts the claims are “omitting essential elements” and that such omitted elements, purportedly, require an “active step of utilizing data to produce a tangible result.” Applicant has made amendments, but not for purposes of patentability. Applicant asserts that previous versions of the claims are patentable, but has made changes to concentrate on claim variations that are more desirable at this time. Applicant reserves the right to pursue previous claim variations at a later date. Insofar as the amendments are not made for purposes of patentability, Applicant respectfully traverses the rejection.

The claims at issue describe a data structure in memory. This data structure is very much tangible in that it may be stored in memory and may be acted upon by a program and/or processor to achieve enhanced performance by a processor and/or program. Moreover, the Examiner’s rejection requiring a “tangible result” and/or technological arts requirement is moot in view of Ex Parte Lundgren (“Lundgren”), Appeal No. 2003-2088 issued by the Board of Patent Appeals and Interferences (“BPAI”); (See infra. Arguments made below with regard to